

ABSTRACT OF THE INVENTION

The revealed apparatus is electrically connected to a host, which activates the apparatus by setting a predetermined target beacon transmission time (TBTT), for generating the control signals of the TBTT.

5 The apparatus comprises a timing synchronization timer, a comparator electrically connected to the timing synchronization timer, and an adder electrically connected to the comparator. The comparator compares the time of the timing synchronization timer and the predetermined TBTT, and generates the control signals of the TBTT if the comparison result is true.

10 When the comparator generates the control signals, the adder adds a beacon interval to the predetermined TBTT to set the next TBTT.